

**DEPARTMENT OF TRANSPORTATION**

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch  
690 Walnut Ave.St. 150  
Vallejo, CA 94592-1133  
(707) 649-5453  
(707) 649-5493

Contract #: 04-0120F4Cty: SF/Ala Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-012470**Date Inspected:** 10-Feb-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 1900**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 700**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

<b>CWI Name:</b>	N/A	<b>CWI Present:</b>	Yes	No
<b>Inspected CWI report:</b>	Yes	No	N/A	<b>Rod Oven in Use:</b> Yes No N/A
<b>Electrode to specification:</b>	Yes	No	N/A	<b>Weld Procedures Followed:</b> Yes No N/A
<b>Qualified Welders:</b>	Yes	No	N/A	<b>Verified Joint Fit-up:</b> Yes No N/A
<b>Approved Drawings:</b>	Yes	No	N/A	<b>Approved WPS:</b> Yes No N/A
				<b>Delayed / Cancelled:</b> Yes No N/A
<b>Bridge No:</b>	34-0006	<b>Component:</b>	Tower and OBG Components	

**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance Inspector (QA Inspector) George Goulet was present during the times noted above for observations relative to the work being performed.

**OBG Trial Assembly Area**

This QA Inspector randomly observed the following work in progress in the Trial Assembly Area:

ABF technicians performing magnetic particle testing (MT) and grinding inside OBG section 5AE/5BE, at panel points 31~32, corner assembly areas.

**Heavy Dock**

This QA Inspector randomly observed the following work in progress on the Heavy Dock:

This QA Inspector observed east tower lift 2 in position on top of east tower lift 1 and ZPMC workers were continuing to install temporary bolts at the lift 1/lift2 splice plate area. East tower lift 2 was still being suspended by the 1600 ton floating crane. South tower lift 2 was in a horizontal position at the foot of the heavy dock.

No welding related work was observed being performed on the Heavy Dock.

Bays 10 and 11

---

## WELDING INSPECTION REPORT

( Continued Page 2 of 2 )

---

No welding related work was observed being performed in either Bay 10 or Bay 11.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

### Summary of Conversations:

No significant conversations.

### Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Skyler Guest, 150-0042-2360, who represents the Office of Structural Materials for your project.

---

<b>Inspected By:</b>	Goulet, George	Quality Assurance Inspector
<b>Reviewed By:</b>	Dawson, Paul	QA Reviewer

---